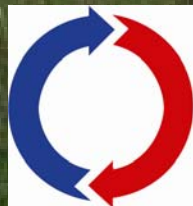


Hartford Landfill: Its Future

A Community Input Meeting

April 12, 2006



**CONNECTICUT
RESOURCES
RECOVERY
AUTHORITY**

Welcome

- CRRA:
 - Thomas D. Kirk, President
 - Peter W. Egan, Director of Environmental Affairs & Development
 - Paul Nonnenmacher, Director of Public Affairs
 - David Bodendorf, PE, Senior Environmental Engineer
- Fuss & O'Neill:
 - Richard D. Jones, PE, Senior Vice President
 - Craig M. Lapinski, PE, Project Manager
- Johnson Land Design:
 - Dean A. Johnson, FASLO, LLA, FAAR



Agenda

- Purpose of Meeting
- Hartford Landfill: An Overview
- Closure of the Landfill
- Future Use of the Landfill

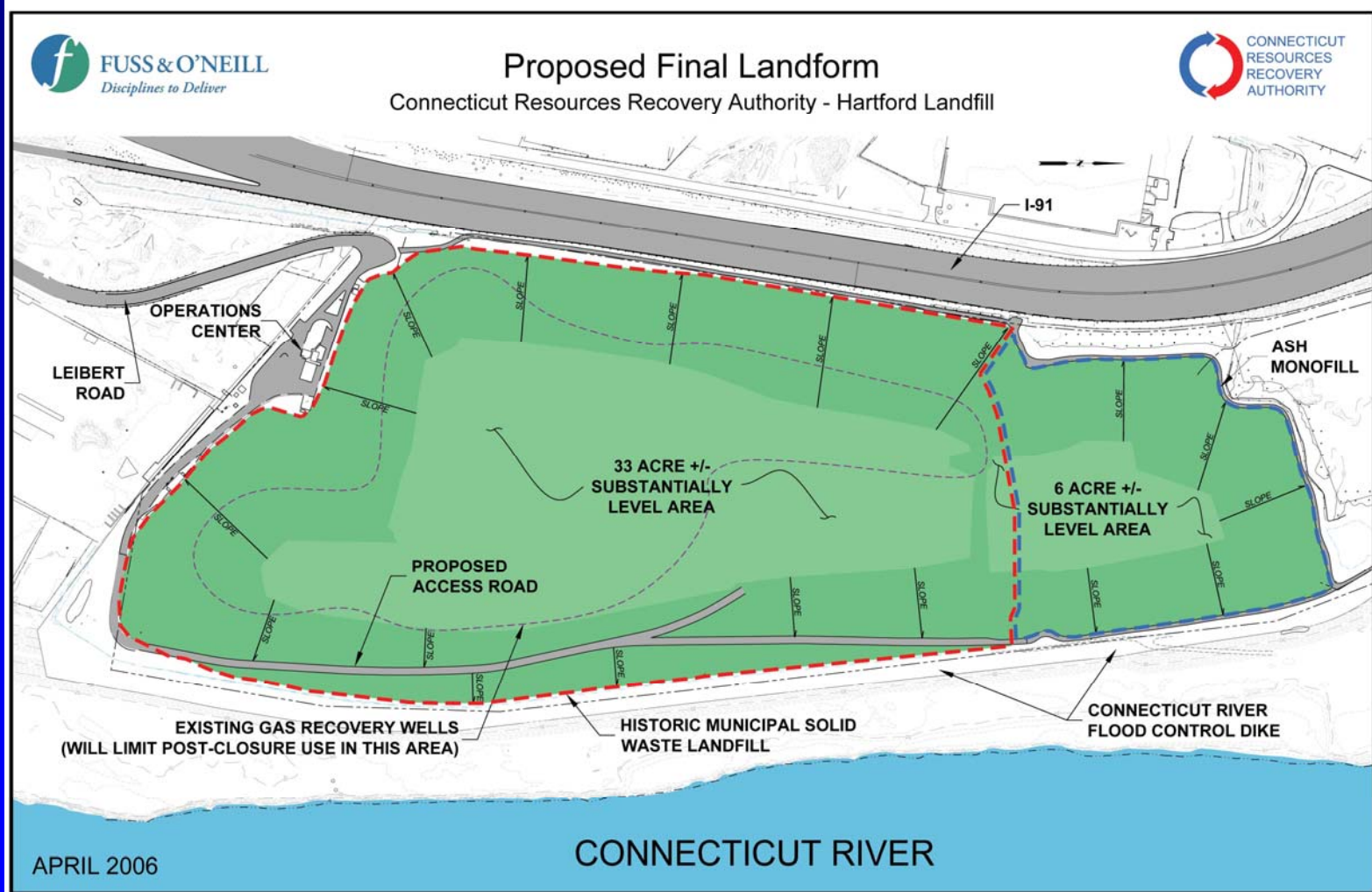


Purpose of Meeting

- Discuss CRRA's closure plan
- Solicit community input on future use of the landfill



Purpose of Meeting



Hartford Landfill
Future Use Meeting

April 12, 2006



Hartford Landfill: An Overview

- History of the landfill
 - Used by city since 1940s
 - CRRA leased from city in 1982
 - Landfill still owned by City of Hartford



Hartford Landfill: An Overview

- The landfill today



Hartford Landfill: An Overview

- Environmental safeguards
 - Groundwater flow control system
 - Ash-leachate collection system
 - Groundwater monitoring program
 - Landfill gas collection & control system
 - Systems to function for decades after closure



Hartford Landfill: An Overview

- Lease agreement with City
 - PILOT to city
 - Other payments to city
 - Total CRRA payments to city: \$5,500,000/year



Closure of the Landfill

- CRRA decision to close in 2008
- Board decided not to seek expansion
 - Decision based in part on community input
 - Potential design capacity to 190 feet
 - Existing elevation 138 feet



Closure of the Landfill

- DEP requirements for closure plan
 - Existing permit & regulatory requirements
 - Simple low-permeability clay cap
 - Reduces infiltration of rainwater
 - Topsoil & seed



Closure of the Landfill

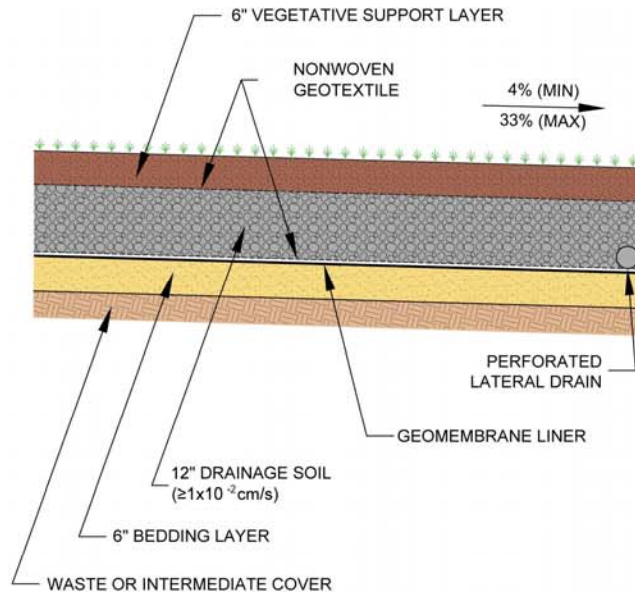
- Proposed closure plan
 - Enhanced synthetic cap instead of clay cap
 - State of the art
 - 90% less rainwater infiltration
 - Uniform 3:1 slope around entire landform
 - Date certain for closure
 - Final delivery on or before Dec. 31, 2008
 - Conceptual discussion of potential future uses



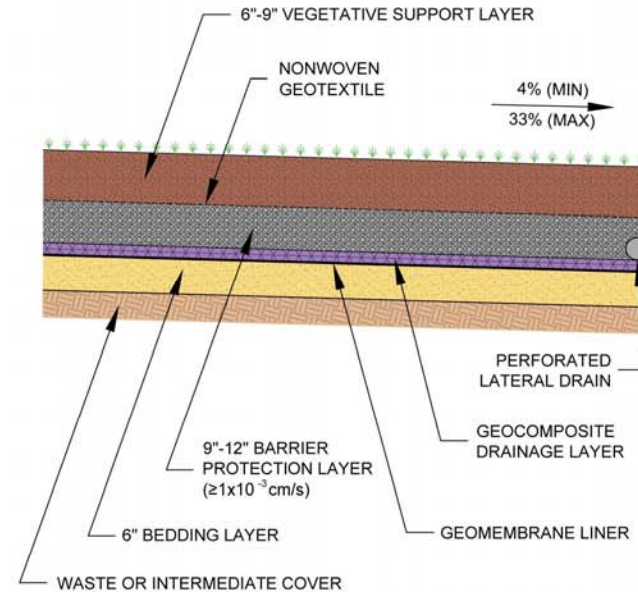
Closure of the Landfill



Geomembrane Cap Design Alternatives Connecticut Resources Recovery Authority - Hartford Landfill



1 GEOMEMBRANE CAP WITH DRAINAGE SOIL
NOT TO SCALE

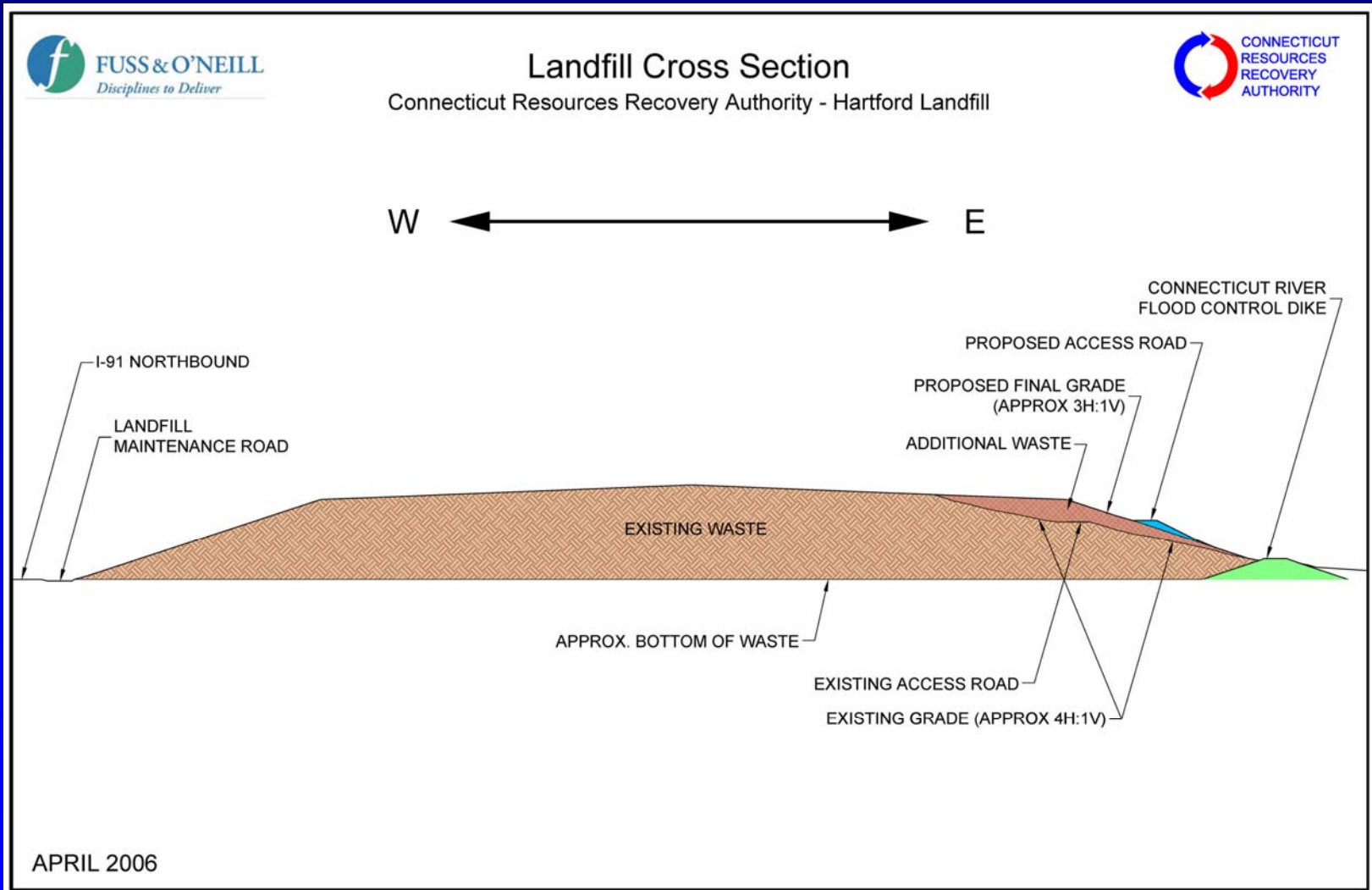


2 GEOMEMBRANE CAP WITH DRAINAGE NET
NOT TO SCALE

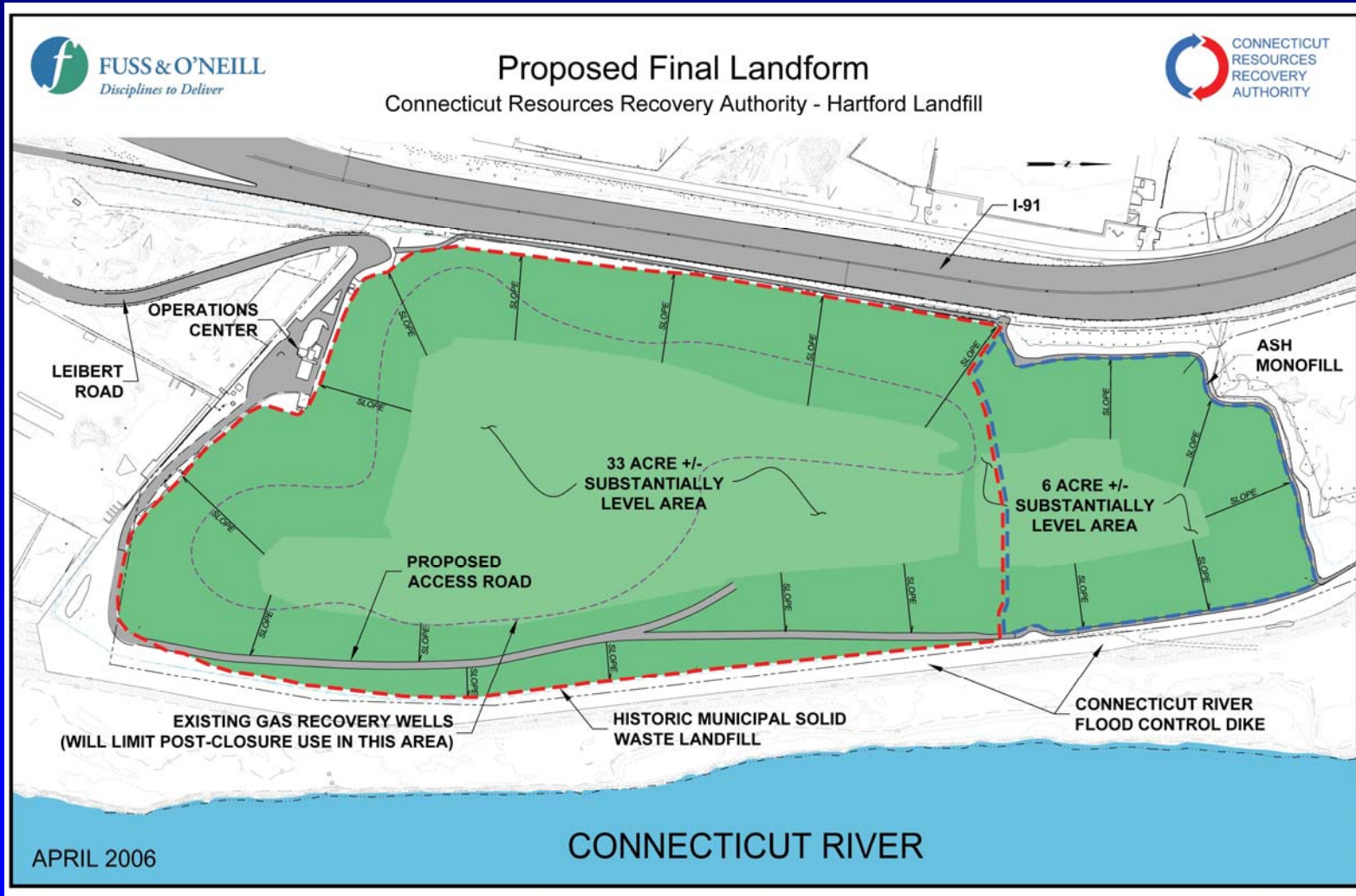
APRIL 2006



Closure of the Landfill



Closure of the Landfill



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Future Use Meeting

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Closure of the Landfill



Meriden Landfill

Closure of the Landfill

- Timeline of closure process
 - CRRA submits revised plan to DEP
 - DEP reviews revised plan
 - DEP approves revised plan
 - Closure activities begin on west slope upon plan approval



Future Use of the Landfill

- Post-closure care & maintenance
 - Minimum 30 years
- Gas collection system
- Leachate collection & treatment systems
- Groundwater monitoring
- Land surface care



Future Use of the Landfill



One possibility: development into parkland

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Future Use of the Landfill

- Walking trails
- Fitness course
- Interpretive signage
- Outlooks – panoramic vistas
 - Hartford
 - Connecticut River
 - Surrounding hills
- Wildlife habitat
- Limitations



Future Use of the Landfill



Future Use of the Landfill



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Future Use of the Landfill



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Future Use of the Landfill

- Your comments

